

Huff, Gwen

From: Robert Siegfried [rsiegfried@valleywater.org]
Sent: Friday, October 29, 2010 12:41 PM
To: Agriculture Water Use Efficiency
Subject: additional comment and answers to 9/22 handout

Device Accuracy Ratings Questions

- **Is 5 years an appropriate amount of time to rely on the manufacturer's rating?**
No. The appropriate amount of time will vary with service conditions.
- **Appropriate for recalibration?**
Appropriate recalibration intervals will also vary with service conditions. Districts should be able to present statistically based documentation that they are using appropriate recalibration intervals.
- **How should manufacturer's accuracy rating methods be judged for purposes of meeting the requirements?**
Skeptically. A national committee on metering accuracy exists, and should be consulted. Several District's have their own meter shops. They also should be consulted.
- **How should methods be established to assure use of best practices by those performing the recalibration?**
DWR should inspect and verify that the standards it sets for measurement accuracy are maintained. Methods can be informative of best practices, but the answer to this question lies more in the realm of will than of technique.
- **How should DWR require reporting of measurement accuracy?**
Reporting of measurement accuracy should be statistically based. Reporting should include documentation that sample size is sufficient and that measurement accuracy falls within some agreed confidence interval with some agreed probability.